



ELSEVIER

Landscape and Urban Planning 61 (2002) VII–IX

LANDSCAPE  
AND  
URBAN PLANNING

This article is also available online at:  
[www.elsevier.com/locate/landurbplan](http://www.elsevier.com/locate/landurbplan)

## Author Index — Volumes 58–61

- Ahern, J., see Botequilha Leitão, A. (59) 65  
Åkerman, M. and Peltola, T., Temporal scales and environmental knowledge production (61) 147  
Anderson, D.H., see Stein, T.V. (60) 151  
Apan, A.A., Raine, S.R. and Paterson, M.S., Mapping and analysis of changes in the riparian landscape structure of the Lockyer Valley catchment, Queensland, Australia (59) 43  
Aravot, I., see Austerlitz, N. (60) 105  
Arnberg, W., see Hall, O. (59) 227  
Arroyo-Cabrales, J., see Zúñiga-Gutiérrez, G. (59) 181  
Austerlitz, N., Aravot, I. and Ben-Ze'ev, A., Emotional phenomena and the student–instructor relationships (60) 105  
  
Ben-Ze'ev, A., see Austerlitz, N. (60) 105  
Bjerke, T., see Kaltenborn, B.P. (59) 1  
Björn, C., see Löfvenhaft, K. (58) 223  
Botequilha Leitão, A. and Ahern, J., Applying landscape ecological concepts and metrics in sustainable landscape planning (59) 65  
Brabec, E. and Smith, C., Agricultural land fragmentation: the spatial effects of three land protection strategies in the eastern United States (58) 255  
Bregt, A.K., see Li, X. (60) 27  
Briggs, S.V., see Saunders, D.A. (61) 71  
Brook, B.W., see Soh, M.C.K. (59) 217  
Brooker, L., The application of focal species knowledge to landscape design in agricultural lands using the ecological neighbourhood as a template (60) 185  
Brown, R.D., see Hands, D.E. (58) 57  
  
Calvert, T., see Jorgensen, A. (60) 135  
Campos, F., see Sierra, R. (59) 95  
Carsjens, G.J. and van der Knaap, W., Strategic land-use allocation: dealing with spatial relationships and fragmentation of agriculture (58) 171  
Carsjens, G.J. and van Lier, H.N., Fragmentation and Land-Use Planning—An Introduction (58) 79  
Chamberlin, J., see Sierra, R. (59) 95  
Claassen, F., see van Langevelde, F. (58) 281  
Coeterier, J.F., Lay people's evaluation of historic sites (59) 111  
Cook, E.A., Landscape structure indices for assessing urban ecological networks (58) 269  
Coppolillo, P.B., see Sanderson, E.W. (58) 41  
  
Cousins, S.A.O., Eriksson, Å. and Franzén, D., Reconstructing past land use and vegetation patterns using palaeogeographical and archaeological data. A focus on grasslands in Nynäs by the Baltic Sea in south-eastern Sweden (61) 1  
  
Dana, E.D., Vivas, S. and Mota, J.F., Urban vegetation of Almería City—a contribution to urban ecology in Spain (59) 203  
Daniel, T.C., see Parsons, R. (60) 43  
De Young, R., see Erickson, D.L. (58) 101  
  
Eddleman, K.E., see Li, M.-H. (60) 225  
Eliasson, I., see Svensson, M.K. (61) 37  
Erickson, D.L., Ryan, R.L. and De Young, R., Woodlots in the rural landscape: landowner motivations and management attitudes in a Michigan (USA) case study (58) 101  
Eriksson, Å., see Cousins, S.A.O. (61) 1  
Etter R., A., see Mendoza S., J.E. (59) 147  
  
Franzén, D., see Cousins, S.A.O. (61) 1  
  
Gazvoda, D., Characteristics of modern landscape architecture and its education (60) 117  
Gulinck, H. and Wagendorp, T., References for fragmentation analysis of the rural matrix in cultural landscapes (58) 137  
Gulinck, H., see Roovers, P. (59) 129  
  
Haila, Y., Introduction (61) 55  
Scaling environmental issues: problems and paradoxes (61) 59  
Hall, O. and Arnberg, W., A method for landscape regionalization based on fuzzy membership signatures (59) 227  
Hands, D.E. and Brown, R.D., Enhancing visual preference of ecological rehabilitation sites (58) 57  
Harms, W. Bert, see Li, X. (60) 27  
Hawkins, V. and Selman, P., Landscape scale planning: exploring alternative land use scenarios (60) 211  
Herny, M., see Roovers, P. (59) 129  
Hess, G.R. and King, T.J., Planning open spaces for wildlife. I. Selecting focal species using a Delphi survey approach (58) 25  
Hidding, M.C. and Teunissen, A.T.J., Beyond fragmentation: new concepts for urban–rural development (58) 297  
Hiedanpää, J., European-wide conservation versus local well-being: the reception of the Natura 2000 Reserve Network in Karvia, SW-Finland (61) 113  
Hitchmough, J., see Jorgensen, A. (60) 135

- Højring, K., The right to roam the countryside—law and reality concerning public access to the landscape in Denmark (59) 29
- Ihse, M., see Löfvenhaft, K. (58) 223
- Jaarsma, C.F. and Willems, G.P.A., Reducing habitat fragmentation by minor rural roads through traffic calming (58) 125
- Jokinen, A., Free-time habitation and layers of ecological history at a southern Finnish lake (61) 99
- Jongman, R., see Li, X. (60) 27
- Jongman, R.H.G., Homogenisation and fragmentation of the European landscape: ecological consequences and solutions (58) 211
- Jorgensen, A., Hitchmough, J. and Calvert, T., Woodland spaces and edges: their impact on perception of safety and preference (60) 135
- Kaltenborn, B.P. and Bjerke, T., Associations between environmental value orientations and landscape preferences (59) 1
- Karjalainen, E. and Tyrväinen, L., Visualization in forest landscape preference research: a Finnish perspective (59) 13
- Kim, D.S., Mizuno, K. and Kobayashi, S., Analysis of land-use change system using the species competition concept (58) 181
- King, T.J., see Hess, G.R. (58) 25
- Kobayashi, S., see Kim, D.S. (58) 181
- Lechuga, C., see Zúñiga-Gutiérrez, G. (59) 181
- Lhota, T., see Sklenička, P. (58) 147
- Li, M.-H. and Eddleman, K.E., Biotechnical engineering as an alternative to traditional engineering methods. A biotechnical streambank stabilization design approach (60) 225
- Li, X., Jongman, R., Xiao, D., Harms, W. Bert and Bregt, A.K., The effect of spatial pattern on nutrient removal of a wetland landscape (60) 27
- Löfvenhaft, K., Björn, C. and Ihse, M., Biotope patterns in urban areas: a conceptual model integrating biodiversity issues in spatial planning (58) 223
- Louekari, S., see Ojala, E. (61) 83
- Madsen, L.M., The Danish afforestation programme and spatial planning: new challenges (58) 241
- Marušič, I., Some observations regarding the education of landscape architects for the 21st century (60) 95
- Meadowcroft, J., Politics and scale: some implications for environmental governance (61) 169
- Mendoza S., J.E. and Etter R., A., Multitemporal analysis (1940–1996) of land cover changes in the southwestern Bogotá high-plain (Colombia) (59) 147
- Mizuno, K., see Kim, D.S. (58) 181
- Monserud, R.A., Large-scale management experiments in the moist maritime forests of the Pacific Northwest (59) 159
- Mota, J.F., see Dana, E.D. (59) 203
- Nix, H.A., see Stein, J.L. (60) 1
- Ogrin, D., Landscape of the future: the future of landscape architecture education (60) 57
- Ojala, E. and Louekari, S., The merging of human activity and natural change: temporal and spatial scales of ecological change in the Kokemäenjoki river delta, SW Finland (61) 83
- Oloff, H. and Ritchie, M.E., Fragmented nature: consequences for biodiversity (58) 83
- Ortega-Rubio, A., see Zúñiga-Gutiérrez, G. (59) 181
- Parsons, R. and Daniel, T.C., Good looking: in defense of scenic landscape aesthetics (60) 43
- Paterson, M.S., see Apan, A.A. (59) 43
- Peltola, T., see Åkerman, M. (61) 147
- Peuhkuri, T., Knowledge and interpretation in environmental conflict. Fish farming and eutrophication in the Archipelago Sea, SW Finland (61) 157
- Pons, J., see Serrano, M. (58) 113
- Prélaz-Droux, R., see Vuilleumier, S. (58) 157
- Puig, J., see Serrano, M. (58) 113
- Raine, S.R., see Apan, A.A. (59) 43
- Redford, K.H., see Sanderson, E.W. (58) 41
- Ritchie, M.E., see Oloff, H. (58) 83
- Rodiek, J.E., Landscape and urban planning cover for 2002 (58) 5
- Where do We Go from Here? (58) 1
- Roovers, P., Hermy, M. and Gulinck, H., Visitor profile, perceptions and expectations in forests from a gradient of increasing urbanisation in central Belgium (59) 129
- Ryan, R.L., Preserving rural character in New England: local residents' perceptions of alternative residential development (61) 19
- Ryan, R.L., see Erickson, D.L. (58) 101
- Sanderson, E.W., Redford, K.H., Vedder, A., Coppolillo, P.B. and Ward, S.E., A conceptual model for conservation planning based on landscape species requirements (58) 41
- Sanz, L., see Serrano, M. (58) 113
- Saunders, D.A. and Briggs, S.V., Nature grows in straight lines—or does she? What are the consequences of the mismatch between human-imposed linear boundaries and ecosystem boundaries? An Australian example (61) 71
- Schotman, A., see van Langevelde, F. (58) 281
- Selman, P., see Hawkins, V. (60) 211
- Seoh, R.K.H., see Soh, M.C.K. (59) 217
- Serrano, M., Sanz, L., Puig, J. and Pons, J., Landscape fragmentation caused by the transport network in Navarra (Spain). Two-scale analysis and landscape integration assessment (58) 113
- Sierra, R., Campos, F. and Chamberlin, J., Assessing biodiversity conservation priorities: ecosystem risk and representativeness in continental Ecuador (59) 95
- Sklenička, P. and Lhota, T., Landscape heterogeneity—a quantitative criterion for landscape reconstruction (58) 147
- Smith, C., see Brabec, E. (58) 255
- Sodhi, N.S., see Soh, M.C.K. (59) 217
- Soh, M.C.K., Sodhi, N.S., Seoh, R.K.H. and Brook, B.W., Nest site selection of the house crow (*Corvus splendens*), an urban invasive bird species in Singapore and implications for its management (59) 217
- Stamps, A.E., Fractals, skylines, nature and beauty (60) 163

- Stein, J.A., see Stein, J.L. (60) 1
- Stein, J.L., Stein, J.A. and Nix, H.A., Spatial analysis of anthropogenic river disturbance at regional and continental scales: identifying the wild rivers of Australia (60) 1
- Stein, T.V. and Anderson, D.H., Combining benefits-based management with ecosystem management for landscape planning: Leech Lake watershed, Minnesota (60) 151
- Svensson, M.K. and Eliasson, I., Diurnal air temperatures in built-up areas in relation to urban planning (61) 37
- Szerszynski, B., Wild times and domesticated times: the temporalities of environmental lifestyles and politics (61) 181
- Taylor, P.D., Fragmentation and cultural landscapes: tightening the relationship between human beings and the environment (58) 93
- Teunissen, A.T.J., see Hidding, M.C. (58) 297
- Thomas, M.R., A GIS-based decision support system for brownfield redevelopment (58) 7
- Thompson, C.W., Urban open space in the 21st century (60) 59
- Thompson, I.H., Ecology, community and delight: a trivalent approach to landscape education (60) 81
- Tyrväinen, L., see Karjalainen, E. (59) 13
- Valve, H., Implementation of EU rural policy: is there any room for local actors? The case of East Anglia, UK (61) 125
- van Bohemen, H., Infrastructure, ecology and art (59) 187
- van der Knaap, W., see Carsjens, G.J. (58) 171
- van der Valk, A., The Dutch planning experience (58) 201
- van Langevelde, F., Claassen, F. and Schotman, A., Two strategies for conservation planning in human-dominated landscapes (58) 281
- van Lier, H.N., see Carsjens, G.J. (58) 79
- Vedder, A., see Sanderson, E.W. (58) 41
- Vivas, S., see Dana, E.D. (59) 203
- von Haaren, C., Landscape planning facing the challenge of the development of cultural landscapes (60) 73
- Vuilleumier, S. and Prélaz-Droux, R., Map of ecological networks for landscape planning (58) 157
- Wagendorp, T., see Gulinck, H. (58) 137
- Ward, S.E., see Sanderson, E.W. (58) 41
- Wessberg, N., Local decisions in the Finnish energy production network—a socio-technical perspective (61) 137
- Willems, G.P.A., see Jaarsma, C.F. (58) 125
- Xiao, D., see Li, X. (60) 27
- Zúñiga-Gutiérrez, G., Arroyo-Cabrales, J., Lechuga, C. and Ortega-Rubio, A., Environmental quantitative assessment of two alternative routes for a gas pipeline in Campeche, Mexico (59) 181







ELSEVIER

Landscape and Urban Planning 61 (2002) XI–XIII

LANDSCAPE  
AND  
URBAN PLANNING

This article is also available online at:  
[www.elsevier.com/locate/landurbplan](http://www.elsevier.com/locate/landurbplan)

## Subject Index — Volumes 58–61

- Aerial photographs, (58) 223  
Afforestation plans, (58) 241  
Agricultural development, (59) 29  
Agricultural landscapes, (61) 71  
Agriculture, (58) 171, 255  
Air temperature, (61) 37  
Allocation model, (58) 281  
Alternative silviculture, (59) 159  
Analog models, (61) 59  
Andean forests, (59) 147  
Anthropocentrism, (59) 1  
Art, (59) 187  
Australia, (60) 1
- Benefits-based management, (60) 151  
Biocentres, (60) 211  
Biodiversity conservation, (59) 95  
Biodiversity, (58) 83, 223, (61) 1, 99  
Biosciences, (58) 93  
Biotechnical engineering, (60) 225  
Biotope mapping, (58) 223  
Bird control, (59) 217  
Brownfields, (58) 7
- Comfort, (61) 37  
Community development, (60) 151  
Computerized visual simulation, (58) 57  
Connectivity, (60) 185  
Conservation planning, (58) 41  
Contextual fit, (60) 163  
Creativity, (60) 95  
Cultural heritage, (59) 111  
Cultural landscape, (58) 93, (60) 73
- Decision support, (58) 7  
Decision-making, (61) 137  
Delphi survey, (58) 25  
Delta, (61) 83  
DEM, (60) 1  
Denmark, (58) 241  
Design process, (60) 117  
Design-studio research, (60) 105  
Digital photo editing, (59) 13  
Disturbance, (61) 83
- East Anglia, (61) 125  
Ecocentrism, (59) 1  
Ecohistory, (61) 99  
Ecological aesthetics, (60) 43  
Ecological distance, (58) 157  
Ecological engineering, (59) 187  
Ecological neighbourhood, (60) 185  
Ecological network, (58) 157, 269  
Ecology, (59) 187, 217, (60) 81  
Ecostabilisation, (58) 211  
Ecosystem management, (60) 151  
Ecosystem, (59) 65  
Education, (60) 95, 117  
Effects, (58) 125  
Emotional phenomena and the student instructor relationship, (60) 105  
Emotions, (60) 105  
Energy production, (61) 137  
Environmental affect, (60) 43  
Environmental conflict, (61) 157  
Environmental governance, (61) 169  
Environmental history, (61) 83  
Environmental impact assessment, (59) 181  
Environmental issues, (61) 59  
Environmental knowledge, (61) 147  
Environmental lifestyles, (61) 181  
Environmental perception, (60) 43  
Environmental philosophy, (60) 81  
Environmental policy, (61) 113  
Environmental psychology, (58) 93, (59) 111  
Environmental values, (59) 1  
EU rural policy, (61) 125  
EU-regulation 2080/92, (58) 241
- Fish farming, (61) 157  
Flanders, (58) 137  
Focal community, (60) 185  
Focal species, (58) 25, (60) 185, 211  
Food chain model, (58) 181  
Forest landscape simulators, (59) 13  
Fractal geometry, (58) 83  
Fractals, (60) 163  
Fragmentation, (58) 83, 93, 113, 137, 171, 211, 255, 297, (60) 185  
Functional references, (58) 137  
Fuzzy, (59) 227

- Gap analysis, (59) 95  
Geographic information systems, (58) 147  
GIS, (58) 7, 157, (59) 43, (60) 1  
Green space planning, (58) 25  
Greenways, (60) 211  
Growth management, (58) 201  
  
Habitat fragmentation, (58) 125, (58) 281  
Habitat loss, (58) 83  
Habitat selection, (59) 217  
Historic value, (59) 111  
Homogenisation, (58) 211  
Human-bird interactions, (59) 217  
  
Industrial site, (58) 57  
Information systems, (58) 7  
Infrastructure, (59) 187  
Innovator-promoter, (61) 137  
Institutional economics, (61) 113  
Isolation, (60) 185  
  
Joint production, (59) 159  
  
Keystone species, (58) 25  
Knowledge, (61) 157  
  
Land conservation, (58) 255  
Land management, (59) 65  
Land protection, (58) 255  
Land use change, (61) 1  
Land use planning, (60) 211  
Land use, (58) 147  
Land use/land cover, (61) 37  
Landowner motivations, (58) 101  
Landscape architecture education, (60) 105  
Landscape architecture, (58) 57, (60) 81  
Landscape assessment, (60) 163  
Landscape change, (58) 211, (59) 29, 43, 147  
Landscape design, (60) 117, (60) 185  
Landscape ecological planning, (59) 65  
Landscape ecology, (58) 157, 223, (60) 211  
Landscape heterogeneity, (58) 147  
Landscape history, (61) 1  
Landscape integration assessment, (58) 113  
Landscape planning in Germany, (60) 73  
Landscape planning methods, (60) 117  
Landscape planning strategies/concepts, (60) 73  
Landscape planning, (58) 57, 157, 211, (60) 151  
Landscape preferences, (59) 1, 13  
Landscape scale conservation, (58) 41  
Landscape species, (58) 41  
Landscape structure, (58) 269, (59) 43  
Landscape transformation, (60) 73  
Landscape, (58) 137, (59) 227, (60) 95  
Land-use allocation, (58) 171  
Land-use change system, (58) 181  
Legislation, (59) 29  
Local participation, (61) 125  
  
Macroeconomic policy, (59) 147  
Man/nature paradigm, (58) 93  
Management, (59) 217  
Meta-analysis, (59) 159  
Metapopulation, (58) 281  
Methods, (58) 125  
Metropolitan agriculture, (58) 255  
Mitigation, (58) 125  
Model, (58) 157  
Multi-criteria evaluation, (59) 227  
Multi-dimensional scaling, (58) 57  
Multi-functionality, (60) 73  
Multiple land use, (58) 201  
Multivariate analysis, (59) 203  
  
Native vegetation, (61) 71  
Natural capital, (61) 147  
Naturalistic vegetation in cities, (60) 135  
Naturalization, (58) 57  
Nature, (60) 59  
Nature-culture relationship, (61) 99  
Neighborhood analysis, (59) 227  
Network concepts, (58) 297  
Networks, (60) 59  
Non-industrial private forest (NIPF), (58) 101  
Non-linear dynamics, (61) 59  
Norway, (59) 1  
Nottinghamshire, (60) 211  
Nutrient removal, (60) 27  
  
Open space planning, (58) 25  
Open space, (60) 59  
Outdoor recreation, (59) 29  
  
Parks, (60) 59  
Patch size, (60) 185  
Pattern effect, (60) 27  
Perennial trees, (61) 71  
Personal safety, (60) 135  
*Phragmites australis*, (60) 27  
Phytosociology, (59) 203  
Planning, (60) 95  
Policy institutionalisation, (61) 125  
Politics, (61) 169, 181  
Pollen, (61) 1  
Population dynamics, (58) 211  
Post-mining area, (58) 147  
Preference, (60) 135  
Project alternatives, (59) 181  
Pseudoreplication, (59) 159  
Public access, (59) 29  
Public participation, (60) 151  
  
Questionnaires, (59) 129  
  
Recreation, (59) 129  
Recultivation, (58) 147

- Reed, (60) 27  
Region, (59) 227  
Relative evolution level, (58) 181  
Remote sensing, (59) 43, 147  
Reserve networks, (59) 95  
Reserve representativeness, (59) 95  
Reserve site selection, (58) 281  
Resource management, (58) 101  
Riparian landscape, (59) 43  
Risk assessment, (59) 181  
River disturbance, (60) 1  
Road density, (58) 125  
Road network, (59) 29  
Road-kills, (58) 113  
Ruderals, (59) 203  
Rural area, (58) 171  
Rural landscapes, (58) 101  
Rural roads, (58) 125  
  
Scale, (58) 113, (59) 227, (61) 169  
Scaling, (58) 83, (61) 59  
Scenic aesthetics, (60) 43  
Science, (60) 95  
Siting, (58) 7  
Skylines, (60) 163  
Social acceptance, (59) 159  
Socio-ecological dynamics, (61) 59  
Socio-technical system, (61) 137  
Soil bioengineering, (60) 225  
Spatial arrangement of vegetation, (60) 135  
Spatial considerations, (58) 241  
Spatial optimisation, (58) 281  
Spatial planning, (58) 201, 297  
Spatial scales, (61) 157  
Spatial simulation, (60) 27  
Species competition concept, (58) 181  
Statistical power, (59) 159  
  
Streambank stabilization, (60) 225  
Student–instructor relationship, (60) 105  
Suburban development, (58) 25  
Summer cottage, (61) 99  
Sustainability, (59) 65  
Sweden, (61) 1  
  
Technological choices, (61) 147  
Technological momentum, (61) 137  
Temporal and spatial scales, (61) 83  
The Natura 2000 Reserve Network, (61) 113  
The Netherlands, (59) 187  
Time, (61) 181  
Topological relationships, (58) 171  
Town and country, (58) 297  
Traffic calming, (58) 125  
Transactive planning, (61) 113  
Transport infrastructures, (58) 113  
  
Umbrella species, (58) 25  
Urban ecology, (59) 203  
Urban ecosystems, (58) 269  
Urban forestry, (59) 129  
Urban greenways, (58) 269  
Urban parks and green spaces, (60) 135  
Urban planning, (58) 223, (59) 203, 217  
Urban sprawl, (58) 255  
Urban, (60) 59  
  
Vegetation change, (61) 83  
Visualization, (59) 13  
  
Wetland, (60) 27  
Wild rivers, (60) 1  
Wildlife conservation, (58) 25  
Wildlife habitat, (58) 25  
Woodlots, (58) 101

